



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Xuedong D. Huang

Group Art Unit: 2681

Appln. No. : 10/698,324

Examiner: D. C. Le

Filed : October 31, 2003

For : PERSONAL MOBILE COMPUTING
DEVICE HAVING ANTENNA
MICROPHONE AND SPEECH
DETECTION FOR IMPROVED SPEECH
RECOGNITION

Docket No. : M61.12-0586

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

21st DAY OF February, 20 06.
John V. Kelly
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

An Information Disclosure Statement is being filed by the Applicant within any one of the following time periods:

1. ☐ 1. Within three months of the filing date of a national application other than a Continued Prosecution Application (CPA);
2. ☐ 2. Within three months of the date of entry of the National Stage international application;
3. ☐ 3. Before the mailing date of a first Office Action on the merits, or

4. Before the mailing of a first Office Action after the filing of a Request for Continue Examination (RCE).
2. X after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or Notice of Allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:
- A. ___ a statement as specified in 37 C.F.R. § 1.97(e).
- B. X the fee set forth in 37 C.F.R. § 1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. § 1.97(c).

METHOD OF PAYMENT

- ___ No fee is required.
- X Attached is Form PTO-2038 in the amount of \$180.00.

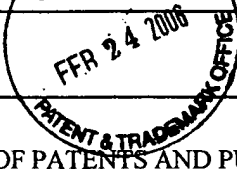
The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM PTO-1449	Atty. Docket No.: M61.12-0586	Appl. No.: 10/698,324
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor: Xuedong D. Huang	
	Filing Date October 31, 2004	Group Art: 2681

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2003/0144844	7/2003	Colmenarez et al.	704	273	
AB	3,383,466	5/1968	Hilix et al.	179	1	
AC	5,647,834	7/1997	Ron	600	23	
AD	6,343,269	1/2002	Harada et al.	704	213	
AE	6,594,629	7/2003	Basu et al.	704	270	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AF	2 761 800	02.04.97	France			X
AG	WO 02/077972 A1	03.10.02	WIPO			
AH	WO 03/055270 A1	03.07.03	WIPO			
AI	2001119797	27.04.01	Japan			Abstract Only
AJ	2001245397	07.09.01	Japan			Abstract Only
AK	2001292489	19.10.01	Japan			Abstract Only
AL	2 390 264 A	31.12.03	Great Britain			
AM	2 375 276 A	06.11.02	Great Britain			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Search Report dated December 17, 2004. from International Application No. 04016226.5.
AO	Zheng et al., Y., "Air- and Bone-Conductive Integrated Microphones for Robust Speech Detection and Enhancement", Automatic Speech Recognition and Understanding 2003, pages 249-254.
AP	De Cuetos et al., P., "Audio-visual intent-to-speak detection for human-computer interaction", IEEE International Conference on Acoustics, Speech, and Signal Processing '00, Vol. 6, pages 2373-2376, June 5, 2000.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.